

### Smart [PRO] 2.0



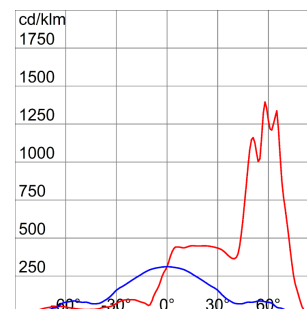
SMART [PRO] 2.0 is a medium power outdoor and indoor LED projector, suitable for lighting sports areas and facilities. It can be installed on the wall, ceiling or ground thanks to the polyester powder coated galvanised steel bracket, with trivalent passivation, equipped with adjustable goniometric scale and supplied in kit. The body is produced in aluminium die casting EN AB 46100, with integrated passive heat sink, powder coated polyester with trivalent passivation. Metal core PCB with CSP LED. Reflector made of metallic HT PC or anodised and polished aluminium. Hardened front glass with 4mm thickness, anti-ageing silicone seals and A2 stainless steel exterior screws. Plastic venting and anti-condensation device. Electrical connection via IP68 connector for 1.5mm<sup>2</sup> cables. Insulation class 1. Driver integrated in options 1-10 V or DALI. Available with nine different types of optics, three types of Colour Temperature (3,000K/4,000K/5,700K) and two different types of Chromatic Yield Index (CRI>70, CRI>80). Designed to withstand surges up to 5KV (RCCB mode) and 10KV (common mode), temperature variations from -30°C to +50°C, water and dust penetration up to IP66 protection and impacts up to IK08.

| GENERAL INFORMATION                           |                                                                | OPTIC AND ILLUMINATING FEATURES    |                                                                       |
|-----------------------------------------------|----------------------------------------------------------------|------------------------------------|-----------------------------------------------------------------------|
| Context                                       | Sport, Big Areas                                               | Optică                             | A2 - Asymmetrical Medium                                              |
| Luminaire                                     | LED luminaire with small, mid and high lumen power             | Unified Glare Rating               | G*3 - ULOR = 0                                                        |
| Aplicație                                     | Intern / Extern                                                | Lumină ieșire (lm)                 | 15300                                                                 |
| Unique digital code (Datamatrix)              | Currently not present                                          | Efficiency (lm/W)                  | 93                                                                    |
| Culoare                                       | Gri grafit                                                     | Culoare Temperatură                | 5700 K                                                                |
| Tip sursă de lumină                           | LED - Neînlocuibil                                             | Color Rendering Index              | CRI>80                                                                |
| Puterea sistemului                            | 165 W                                                          | Standard Deviation Colour Matching | SDCM = 3                                                              |
| LED Lifetime                                  | L90B10(Tq25°C)=50.000h;<br>L80B10(Tq25°C)=110.000h             | Photobiological Risk Class         | -                                                                     |
| Greutate (Kg)                                 | 5.7                                                            | Standard                           | EN60598-1; EN60598-2-5; EN60598-2-24;<br>IEC 62778; IEC62471; EN13201 |
| Garanție                                      | 5 ani                                                          | ELETRICAL AND LIGHTING FEATURES    |                                                                       |
| Temperatură de stocare                        | -                                                              | Tensiune de alimentare             | 220 - 240 V                                                           |
| Operating temperature                         | -30 +50 °C                                                     | Frecvență nominală (Hz)            | 50 / 60                                                               |
| MATERIALS                                     |                                                                | Driver                             | Included                                                              |
| Body                                          | Aluminiu turnat                                                | Driver failure rate                | F10 = 100.000h Tq25°C                                                 |
| Ecran                                         | Flat tempered glass 4mm                                        | Overvoltage protection             | DM 6 kV / CM 10 kV                                                    |
| Optic                                         | Polished anodised aluminum reflector with 99.99% pure aluminum | Control System                     | DALI                                                                  |
| Gasket                                        | Anti-aging silicone                                            | INSTALLATION AND MAINTENANCE       |                                                                       |
| Locking Hook                                  | Hexagonal metric screws                                        | Mouting and installation           | High-mast lighting - Wall mounting - Ground mouting                   |
| External screw                                | Stainless steel                                                | Tilt                               | Rotation on bracket with integrated goniometer                        |
| Colour                                        | Polyester powder coated                                        | Wiring                             | Watertight connector                                                  |
| STANDARDS AND APPROVALS                       |                                                                | Prindere                           | Consolă                                                               |
| Clasificare                                   | -                                                              | Optic Maintenance                  | Not available                                                         |
| Dispozitiv cu temperatură la suprafață redusă | Da                                                             | LED Maintenance                    | Not available                                                         |
| Certificare DIN 18032-3                       | Da                                                             | Driver Box                         | Integrat                                                              |
| IPEA                                          | -                                                              | Suprafață maximă expusă la vânt    | 0,085 m2                                                              |
| Clasă izolație                                | I                                                              | -                                  | -                                                                     |
| Clasă de protecție IP                         | IP66                                                           | -                                  | -                                                                     |
| Cod IK                                        | IK08                                                           | -                                  | -                                                                     |
| Glow Test conductori                          | -                                                              | -                                  | -                                                                     |

### DIMENSIONAL



### PHOTOMETRIC DISTRIBUTION



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### TECHNICAL SYMBOLOGY



0,085 m2



**IP**  
IP66

**IK**  
IK08

**GWT**  
-

### STANDARDS/APPROVALS

